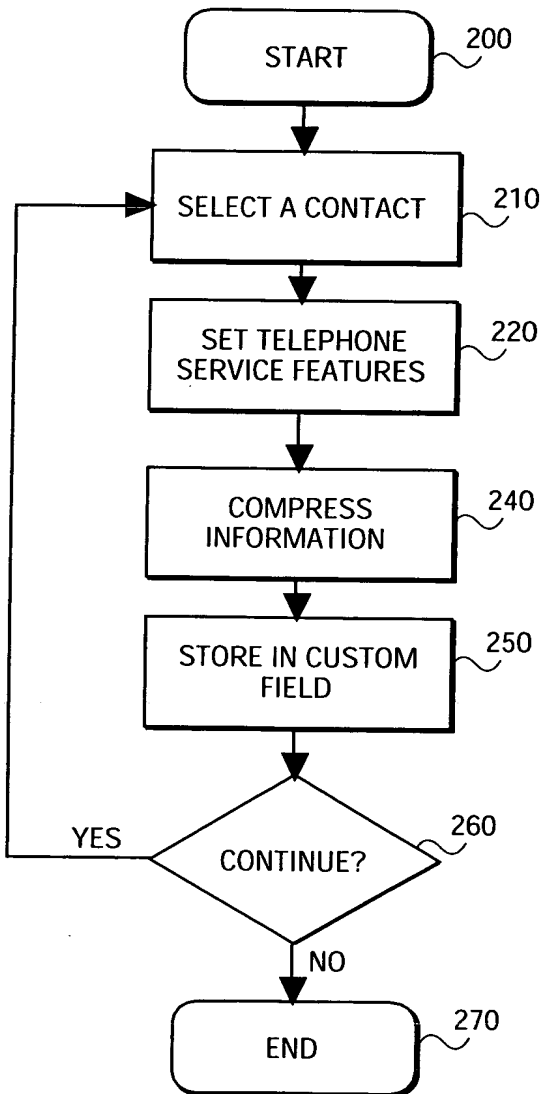


FIG. 1



**FIG. 2**

```
graph TD; 300([START]) --> 310[READ RECORDS FROM PDA DATABASE]; 310 --> 320[READ RECORDS FROM SERVER DATABASE]; 320 --> 330[DETERMINE WHICH PDA RECORDS HAVE CHANGED]; 330 --> 340[DETERMINE WHICH SERVER RECORDS HAVE CHANGED]; 340 --> 350[UPDATE SERVER RECORDS TO REFLECT CHANGES MADE ON PDA]; 350 --> 360[UPDATE PDA RECORDS TO REFLECT CHANGES MADE ON SERVER]; 360 --> 370[UPDATE DIRTY FLAGS ASSOCIATED WITH PDA RECORDS]; 370 --> 380([END]);
```

300 START

310 READ RECORDS FROM PDA DATABASE

320 READ RECORDS FROM SERVER DATABASE

330 DETERMINE WHICH PDA RECORDS HAVE CHANGED

340 DETERMINE WHICH SERVER RECORDS HAVE CHANGED

350 UPDATE SERVER RECORDS TO REFLECT CHANGES MADE ON PDA

360 UPDATE PDA RECORDS TO REFLECT CHANGES MADE ON SERVER

370 UPDATE DIRTY FLAGS ASSOCIATED WITH PDA RECORDS

380 END

**FIG. 3**

400

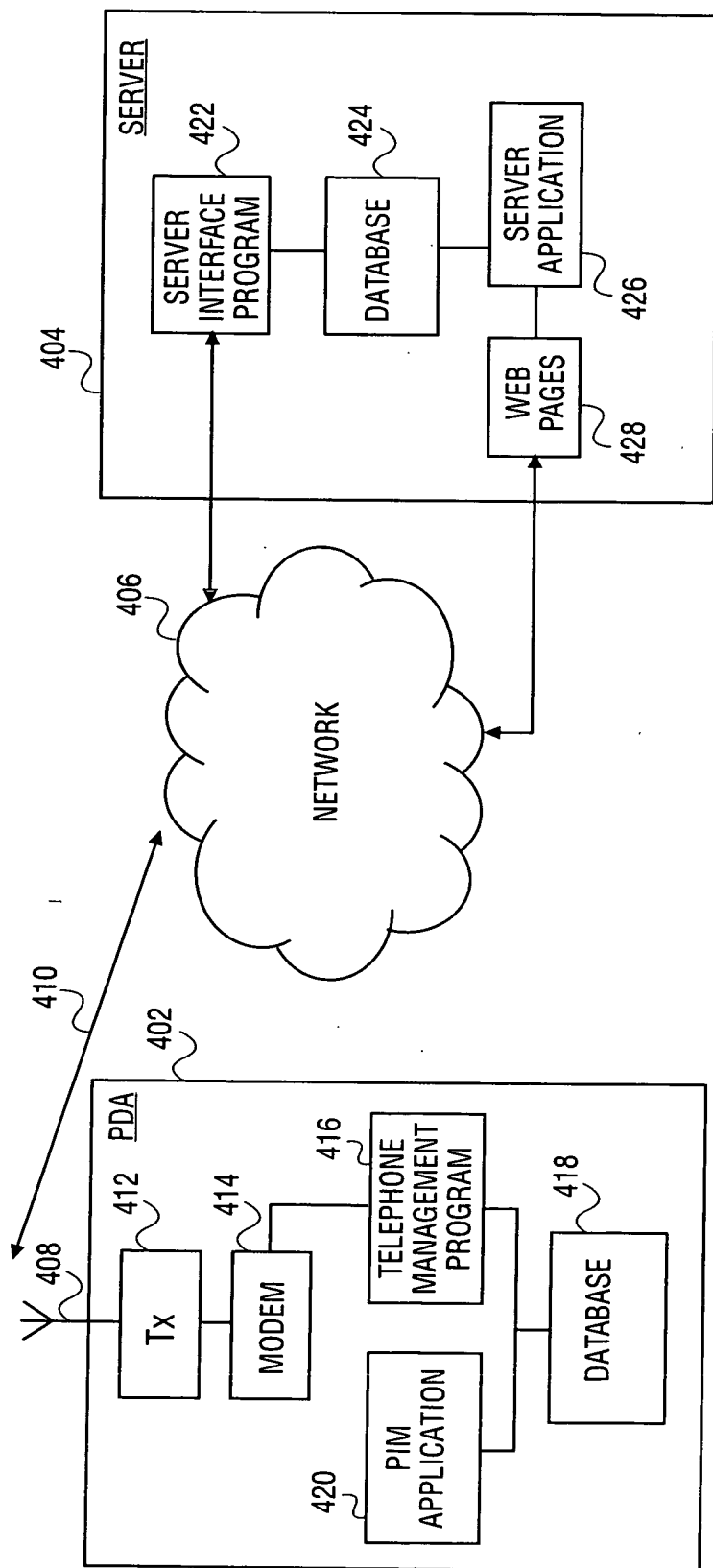


FIG. 4